

Day : Tuesday
Date: 1/30/2007

Time: 15:15:26

 **PALM INTRANET**

Inventor Information for 10/679040

Inventor Name	City	State/Country
FINK, MITCHELL P.	PITTSBURGH	PENNSYLVANIA
WARREN, HOWLAND SHAW JR.	CAMBRIDGE	MASSACHUSETTS

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign
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Search Another: Application# or Patent# PCT / / or PG PUBS # Attorney Docket # Bar Code #

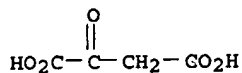
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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"2002074301"	US-PGPUB; USPAT	OR	OFF	2007/01/30 14:50
L2	1	"200274301"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/30 14:51
L3	2	"5192528".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/30 14:51
L4	2	"6623723".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/30 14:52
L5	2	"6750210".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/30 14:52
L6	2	"5837699".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/30 14:52
L7	634	alpha-keto adj acid	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/30 14:53
L8	454	alpha-keto adj acid	USPAT; DERWENT	OR	OFF	2007/01/30 14:54
L9	365	alpha-keto adj acid	USPAT	OR	OFF	2007/01/30 15:16
L10	241	l9 and (ester or amide)	USPAT	OR	OFF	2007/01/30 14:55
L11	7	l10 and (ethyl adj pyruvate)	USPAT	OR	OFF	2007/01/30 14:55
L12	22	ketoalkanoic adj acid	USPAT	OR	OFF	2007/01/30 15:16

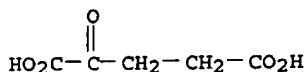
L4 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 328-42-7 REGISTRY
 CN Butanedioic acid, oxo- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Oxalacetic acid (8CI)
 OTHER NAMES:
 CN .alpha.-Ketosuccinic acid
 CN 2-Ketosuccinic acid
 CN 2-Oxobutanedioic acid
 CN 2-Oxosuccinic acid
 CN Ketosuccinic acid
 CN NSC 284205
 CN NSC 77688
 CN OAA
 CN Oxaloacetic acid
 CN Oxaloethanoic acid
 CN Oxosuccinic acid
 FS 3D CONCORD
 MF C4 H4 O5
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM*, DRUGU, EMBASE,
 HODOC*, IFICDB, IFIPAT, IFIUDB, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC,
 SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3684 REFERENCES IN FILE CA (1907 TO DATE)
 42 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3685 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

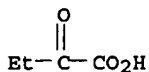
L5 ANSWER 34 OF 35 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 328-50-7 REGISTRY
 CN Pentanedioic acid, 2-oxo- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Glutaric acid, 2-oxo- (8CI)
 OTHER NAMES:
 CN .alpha.-keto-Glutaric acid
 CN .alpha.-Ketoglutaric acid
 CN .alpha.-Oxoglutaric acid
 CN .alpha.-Oxopentanedioic acid
 CN 2-Ketoglutaric acid
 CN 2-Oxo-1,5-pentanedioic acid
 CN 2-Oxoglutaric acid
 CN 2-Oxopentanedioic acid
 CN NSC 17391
 FS 3D CONCORD
 DR 27175-99-1
 MF C5 H6 O5
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE,
 HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
 NAPRALERT, NIOSHTIC, PROMT, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 96 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 7680 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

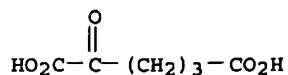
L9 ANSWER 17 OF 18 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 600-18-0 REGISTRY
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 OTHER CA INDEX NAMES:
 CN Butyric acid, 2-oxo- (8CI)
 OTHER NAMES:
 CN .alpha.-keto-n-Butyric acid
 CN .alpha.-Ketobutyric acid
 CN .alpha.-Oxo-n-butyric acid
 CN .alpha.-Oxobutyric acid
 CN 2-Ketobutanoic acid
 CN 2-Ketobutyric acid
 CN 2-Oxo-n-butyric acid
 CN 2-Oxobutanoic acid
 CN 2-Oxobutyric acid
 CN 3-Methylpyruvic acid
 CN NSC 60533
 CN Propionylformic acid
 FS 3D CONCORD
 MF C4 H6 O3
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHM, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB,
 MEDLINE, NIOSHTIC, PROMT, SPECINFO, SYNTHLINE, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1063 REFERENCES IN FILE CA (1907 TO DATE)
 7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1064 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

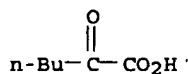
10 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
RN 3184-35-8 REGISTRY
CN Hexanedioic acid, 2-oxo- (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN .alpha.-Ketoadipic acid
CN .alpha.-Oxoadipic acid
CN 2-Ketoadipic acid
CN 2-Oxoadipic acid
CN 2-Oxohexanedioic acid
FS 3D CONCORD
MF C6 H8 O5
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CSCHEM, EMBASE, HODOC*,
IFICDB, IFIPAT, IFIUDB, MEDLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

191 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
191 REFERENCES IN FILE CAPLUS (1907 TO DATE)
8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

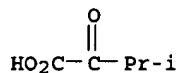
L11 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 2492-75-3 REGISTRY
 CN Hexanoic acid, 2-oxo- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.-Ketocaproic acid
 CN .alpha.-Ketohehexanoic acid
 CN .alpha.-Oxo-n-caproic acid
 CN .alpha.-Oxocaproic acid
 CN 2-Ketocaproic acid
 CN 2-Ketohehexanoic acid
 CN 2-Oxocaproic acid
 CN 2-Oxohehexanoic acid
 FS 3D CONCORD
 MF C6 H10 O3
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD,
 CAPLUS, CASREACT, CHEMINFORMRX, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB,
 MEDLINE, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)



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 17 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

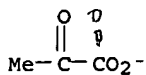
L12 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 759-05-7 REGISTRY
 CN Butanoic acid, 3-methyl-2-oxo- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Butyric acid, 3-methyl-2-oxo- (8CI)
 OTHER NAMES:
 CN .alpha.-keto-.beta.-Methylbutyric acid
 CN .alpha.-keto-Isovaleric acid
 CN .alpha.-Ketoisovaleric acid
 CN .alpha.-Oxo-.beta.-methylbutyric acid
 CN .alpha.-Oxoisovaleric acid
 CN 2-keto-3-Methylbutyric acid
 CN 2-Ketoisovaleric acid
 CN 2-Oxo-3-methylbutanoic acid
 CN 2-Oxo-3-methylbutyric acid
 CN 2-Oxoisovaleric acid
 CN 3-Methyl-2-oxobutanoic acid
 CN 3-Methyl-2-oxobutyrate
 CN 3-Methyl-2-oxobutyric acid
 CN Dimethylpyruvic acid
 CN Isopropylglyoxylic acid
 CN Ketovaline
 FS 3D CONCORD
 MF C5 H8 O3
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHEM, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB,
 MEDLINE, NAPRALERT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

943 REFERENCES IN FILE CA (1907 TO DATE)
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 944 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 30 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

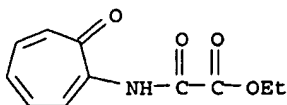
L2 ANSWER 4264 OF 4264 REGISTRY COPYRIGHT 2003 ACS on STN
RN 57-60-3 REGISTRY
CN Propanoic acid, 2-oxo-, ion(1-) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pyruvic acid, ion(1-) (8CI)
OTHER NAMES:
CN Pyruvate
CN Pyruvate ion(1-)
FS 3D CONCORD
MF C3 H3 O3
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
CAPLUS, CASREACT, CBNB, CEN, CHEMINFORMRX, CIN, CSNB, EMBASE, GMELIN*,
NIOSTIC, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)



240 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
240 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 65425-48-1 REGISTRY
CN Acetic acid, oxo[(7-oxo-1,3,5-cycloheptatrien-1-yl)amino]-, ethyl ester
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN AY 25674
FS 3D CONCORD
MF C11 H11 N O4
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, DDFU, DRUGU,
EMBASE, IFICDB, IFIPAT, IFIUDB, RTECS*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)